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SKYLAB

MONTHLY REPORT #8

E7.4-10659  
CR-138891

- A. TITLE: FEASIBILITY OF USING S-191 INFRARED SPECTRA FOR GEOLOGICAL STUDIES FROM SPACE.
- B. PRINCIPAL INVESTIGATORS: R.J.P. Lyon; F.R. Honey  
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- D. TECHNICAL MONITORS: Larry York; Tim White  
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Johnson Spacecraft Center  
Houston, Texas 77058  
  
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- E. PERIOD: March 1, 1974-March 31, 1974

REMOTE SENSING LABORATORY  
STANFORD UNIVERSITY  
STANFORD, CALIFORNIA  
94305

(E7.4-10659) FEASIBILITY OF USING S-191  
INFRARED SPECTRA FOR GEOLOGICAL STUDIES  
FROM SPACE Monthly Report, 1-31 Mar.  
1974 (Stanford Univ.) 3 P HC \$4.00

CSCL 08G G3/13  
Unclas  
00659

N74-29690

F. OVERALL STATUS (Problem areas, significant progress)

1. Precise maps of S=191 targets (SL=3) and RB=57 (Mission 248) ground tracks completed from study of boresight films (1:250,000) scale.
2. Geologic traverse along Mission 248 track partially completed.

G. DATA RECEIVED TO DATE

See next page.

H. RECOMMENDATIONS (Decisions/Actions required to ensure attainment of scientific objectives).

RB=57 infrared pallet data tapes. Where are they?

I. EXPECTED ACCOMPLISHMENTS FOR NEXT PERIOD

1. Completion of flight path maps and associated geology.
2. Analysis of S=191 tapes and RB=57 tapes (if received).

J. SIGNIFICANT RESULTS

None as yet.

K. SUMMARY OF FUTURE EFFORT

1. Reading and analysis of data from the Mission 248 infrared pallet tapes.
2. Completion of plot of geologic facies along the track of Mission 248.

L. TRAVEL SUMMARY AND PLANS

None for next period.

**G. DATA RECEIVED TO DATE**

**AIRCRAFT RB57**

**SKYLAB**

	Films	Boresight Film	Data Logs	Data Tapes	16mm.C.R.T. Plots	I.R. R57 Data Images	S190A	S190B	S191 Data Tapes	S191 Boresight Film
SL2	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	R.	N.R.	7 track (1 set of 2)*	R.
SL3	R.	R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	7 track (3 sets of 2)	R.

\*Received unordered test tape and data tape (S192) from SL2 which we would like to retain for 3 months.

R.=Received

N.R=Not Received